

Career & Technical Education

CTE Today!

Today's career and technical education (CTE) looks a bit different than the vocational education classrooms from 25 years ago. The fast paced world in which we live now requires cutting-edge, rigorous and relevant education to prepare our students for a wide range of high-wage, high-skill, high-demand careers.

CTE programs prepare students to be college and career ready through core academic skills, employability skills, and technical job specific skills.

In Levy County all of our programs have articulation agreements with postsecondary partners providing clear pathways to certifications and degrees. The articulation agreements provide college credit towards applicable A.S.

Degrees to high school students that meet the requirements.

In 2015-2016 there were 330 industry certifications awarded to Levy County students. The following certifications were earned:

Agriculture Production Technician (50), Agriculture Biotechnology Certification (17), Animal Science Certification (17), Certified Horticulture Professional (8), Adobe Dreamweaver Certified Associate (28), Adobe Flash Certified Associate (51), Adobe Illustrator Certified Associate (18), Adobe InDesign Certified Associate (76), Certified Nursing Assistant (20), Microsoft Office Specialist (22), and 23 middle school students earned a Digital Tools certification called

IC3 Spark.

Research indicates that students enrolled in CTE programs have a higher graduation rate. According to the US Department of Education, Office of Career, Technical and Adult Education, the average graduation rate for a CTE concentrator is 93% compared to a national average of 80%. In Levy County the graduation rate for CTE concentrators was 100% in our most recent Federal report (2015).

Our goal will continue to be uphold the rich history of CTE in Levy County and ensure that all students graduate prepared to take the next step in their postsecondary life.



School Board of Levy County

Special Points of Interest

- ◆ FFA State Horse Judging February 4, 2017
- ◆ FBLA Week February 5-11, 2017
- ◆ Bronson FFA Food Alumni Food Fest February 17, 2017
- ◆ Bronson FFA Barnyard Day for BES February 17, 2017
- ◆ Chiefland FFA Alumni Cake Auction and Chili Cook-off February 17, 2017
- ◆ State Dairy Judging and Poultry Judging February 18, 2017
- ◆ State Fair Poultry Judging Event February 18, 2017
- ◆ FBLA State Conference Registration due February 17, 2017
- ◆ National FFA Week February 18-25, 2017
- ◆ Bronson FFA Alumni 13th Annual Food Fest February 26, 2017
- ◆ FFA State Livestock Judging February 27, 2017

Science in Agriculture Class

Students in the high school agriculture class at CKS have been doing some "mad science" in class recently.

Students are learning about soils and how they relate to crop productivity. For three days students conducted various experiments with soil to determine the chemical composition. Students tested the soils for water content, organic matter, pH (also known as acidity), carbonates, nitrates, phosphates, and for about 10 other things necessary for plant growth that are

located in the soil. Students have been using proper PPE (personal protection equipment) and will be applying their soil knowledge to the agriculture gardens. The gardens are maintained by the agriscience classes, but are funded through the Cedar Key FFA Chapters. To date over 9000 lbs. of fresh produce has been donated to the local food pantry. Currently there are late spring producing strawberries, potatoes, onions, and kohlrabi (similar to cabbage) in the ground. Within the

next two weeks peppers, turnips, cucumbers, squash, and collards will make their way to our gardens.



Inside the Classroom

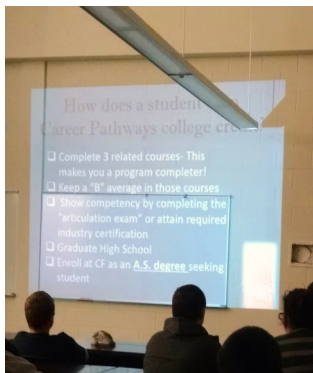
Instruction for students enrolled in a CTE Program is based on the Curriculum Frameworks established by the Florida Department of Education. <http://www.fdoe.org/academics/career-adult-edu/career-tech-edu/>

The curriculum provides the knowledge and skills necessary for students to earn an Occupational Completion Point and an Industry Certification.

All students with an overall "B" GPA and an "A" average in their CTE Pro-

gram are eligible to earn college credit towards an A.S degree. For each program there are specific requirements spelled out in the articulation agreements with the college. Parents and students may obtain a copy of the articulation agreement from their instructor. Both the College of Central Florida and Santa Fe provide college program tours, classroom visits and presentations, and professional development for teachers to ensure students are

prepared to pass the college end or course exams.



Career Pathways Presentation at Williston Middle High School

Celebrating CTE Month [®]



Bronson Middle High School Building Construction Students working on a project for the Levy County Schools Foundation Stars Gala Event

Health Care is a Targeted Career Field

Career Source has targeted Health Care careers on their High Skill/High Demand list again for 2017. Dental Hygienists, Medical and Clinical Laboratory Technologists, Physical Therapist Assistants, Radiologic Technologists, Registered Nurses, and Respiratory Therapists are all listed on the

Target Occupation List for our Workforce region. Our two Health Academy programs serve as a pipeline for these targeted occupations. Students enrolled in the Health Academy spend four years preparing for a health related career. Students will do career shadowing, volunteer work, clinical training,

visit college campuses, sit for end of course exams for college credit and graduate with their Certified Nursing Assistant License.

There is an application process for the Health Academy. Academics and Behavior are important elements of the application process.



Nursing Assistant students complete 40 hours of training at the Nursing Home prior to taking their C.N.A. State Exam.

Career & Technical Student Organizations



Left Picture
CMHS HOSA District Winners

Right Picture
WMHS National Nursery/Landscape Team

